

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("4032053").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 17:19
S1	2	("4498581").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/13 13:36
S2	35	("3042194"   "3283990"   "3554402"   "3620438" "369690"   "4252236" "4331289"   "4396143").PN. OR ("4498581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 13:36
S3	2	("5148654").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/13 13:43
S4	288	("0902347"   "1497536" "1541143"   "1862685" "1925102"   "20020029991"   "20020070139"   "20020088820"   "20020088821"   "20030141353"   "20030150759"   "20040089671"   "20040099558"   "20040188509"   "20050178687"   "20050189405"   "2115673"   "2124808"   "2294965"   "2372351"   "2448819"   "2473635"   "2718301"   "2723027"   "2730232"   "2754047"   "2837254"   "2842304"   "2851210"   "2868431"   "2868433"   "2919844"   "2930516"   "2932929"   "2975891"   "2990097"   "3002651"   "3016670"   "3018031"   "3155273"   "3167214"   "3178242"   "3189215"   "3219181"   "3228582"   "3263861"   "3265283"   "3300115"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 13:45

"3306517"	"3332207"
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"3356279"	"3482372"
"3517858"	"3540581"
"3550346"	"3555776"
"3599858"	"3669251"
"3696990"	"3733025"
"3765327"	"3765527"
"3829006"	"3894681"
"3904036"	"3908333"
"3913739"	"3942631"
"3955342"	"3970215"
"3994432"	"4000811"
"4030596"	"4113100"
"4121757"	"4155449"
"4214660"	"4216861"
"4222485"	"4252236"
"4256226"	"4318474"
"4325482"	"4331289"
"4360106"	"4364509"
"4375258"	"4382511"
"4396143"	"4398636"
"4416410"	"4417661"
"4424901"	"4426035"
"4447004"	"4465180"
"4498581"	"4508258"
"4550834"	"4571916"
"4577799"	"4582199"
"4620664"	"4726471"
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"4919266"	"4966324"
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"5031825"	"5067615"
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"5137211"	"5170934"
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"5279440"	"5284292"
"5289943"	"5333734"
"5368194"	"5375702"
"5385234"	"5427242"
"5465831"	"5482203"
"5505372"	"5518111"
"5622309"	"5639017"
"5704470"	"5722584"
"5738273"	"5775574"
"5788117"	"5826783"
"5833118"	"5873515"
"5878947"	"5881884"
"6065590"	"6105854"

		"6176419"   "6283293" "6386369"   "6435351" "6478219"   "6484903" "6550615"   "6578736" "6604677"   "6631803" "6669083"   "6715639" "6729475"   "6866186" "6869009"   "6902104" "6918487"   "6991107" "7134551"   "D243508"   "D252259" "D263204"   "D269068"   "D270041" "D286987"   "D303090"   "D332915" "D436859"   "D454784"   "RE26083"). PN. OR ("4588084"   "5148654"   "6715639"   "6766940"   "6869009"   "6918487"   "7134551"   "7207474"   "7331507"   "7401711"   "7467713"). URPN.				
S5	0	(10/680364).APP.	USPAT; USOOR	OR	ON	2009/03/13 13:46
S6	16	("20030098344"   "20040159671"   "2299027"   "3265283"   "4364509"   "4396143"   "4805765"   "4987996"   "5860517"   "6959857"   "7066380"   "7147143"   "7207474"   "7357254"). PN. OR ("7475777"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 13:47
S7	10	("1983418"   "3167214" "4470503"   "4478334" "6065590"   "6631803" "6766940"   "6902104").PN. OR ("7422104").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 13:48
S8	36	("2681143"   "2842304" "2955739"   "3076591" "3300119"   "4378905" "4470503"   "4482090" "4498619"   "4546914" "4588084"   "4747534" "5197598"   "5328081" "5385234"   "5482203" "5639017").PN. OR ("6065590").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 13:50

S9	10	("3904036"   "4588084" "5595292"   "5639017" "5738273"   "6019276" "6065590"   "6129266" "RE25949").PN. OR ("6905066").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 13:53
S10	22	("2164561"   "2482399" "2645407"   "2868433" "2889104"   "2955739" "4378905"   "5221042" "5297725").PN. OR ("5738273").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 13:55
S11	7	("5297725"   "5385234" "5395044"   "5639017" "5794778"   "5915546" "6065590").PN. OR ("6899221").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 13:59
S12	140	("0902347"   "1541143" "1925102"   "20020070139"   "20020185527"   "20030141353"   "20030192907"   "2124808"   "2448819" "2718301"   "2723027" "2754047"   "2842304" "2868431"   "2919844" "2930516"   "2975891" "2990097"   "3002651" "3018031"   "3178242" "3228582"   "3263861" "3265283"   "3300115" "3332594"   "3356279" "3517858"   "3540581" "3599858"   "3669251" "3765327"   "3765527" "3894681"   "3913739" "3942631"   "4000811" "4030596"   "4214660" "4216861"   "4222485" "4325482"   "4364509" "4375258"   "4396143" "4416410"   "4417661" "4465180"   "4498581" "4519522"   "4582199" "4598810"   "4726471" "4756419"   "4785991" "4817866"   "4860944" "4919266"   "4961507" "4966324"   "4972991" "4974771"   "4981253" "5002186"   "5031825" "5067615"   "5101642"	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 14:03

		"5123589"   "5137211"   "5170934"   "5205436"   "5277360"   "5279440"   "5284292"   "5333734"   "5337920"   "5368194"   "5427242"   "5465831"   "5505372"   "5518111"   "5622309"   "5722584"   "5775574"   "5788117"   "5826783"   "5833118"   "5873515"   "5878947"   "5881884"   "6105854"   "6176419"   "6283293"   "6386369"   "6435351"   "6478219"   "6484903"   "6550615"   "6578736"   "6631803"   "6715639"   "6866185"   "D243508"   "D252259"   "D263204"   "D269068"   "D270041"   "D286987"   "D303090"   "D332915"   "D436859"   "D454784"   "RE26083").PN. OR ("7175047").URPN.				
S13	61	("3181727"   "3186545"   "3217924"   "3270914"   "3294280"   "3309005"   "3348672"   "3353709"   "3355089"   "3403839"   "3554402"   "3578238"   "3627193"   "3670950"   "3688972"   "3692232"   "3696990"   "3712533"   "3986658"   "4029207"   "4155449"   "Re27624").PN. OR ("4375258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 14:06
S14	21	("3166190"   "3186587"   "3217924"   "3233730"   "3283989").PN. OR ("3692232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 14:08
S15	27	("2659524"   "2723027"   "2975934"   "3189215"   "3197116"   "3347446"   "3620438"   "3692232"   "3894681").PN. OR ("4032053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 14:11

S16	32	("1905992"   "2262803" "2448819"   "2801000" "2967010"   "2968431" "3750930"   "4032053" "4155449"   "4318474" "4375258"   "4378877" "4398636"   "D244355"   "D269068"   "D270041").PN. OR ("4605128").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/13 14:14
S17	50	(US-5240174-\$ or US- 4818120-\$ or US- 3923236-\$ or US- 4340168-\$ or US- 4442970-\$ or US- 4450965-\$ or US- 4488675-\$ or US- 4519181-\$ or US- 4578929-\$ or US- 4592190-\$ or US- 4621733-\$ or US- 4785970-\$ or US- 4828105-\$ or US- 4863015-\$ or US- 4867577-\$ or US- 4909019-\$ or US- 5020337-\$ or US- 5020668-\$ or US- 5201412-\$ or US- 5234102-\$ or US- 5246113-\$ or US- 5297725-\$ or US- 5310050-\$ or US- 5326024-\$ or US- 5335774-\$ or US- 5344066-\$).did. or (US- 5351878-\$ or US- 5360104-\$ or US- 5360113-\$ or US- 5374232-\$ or US- 5377834-\$ or US- 5390784-\$ or US- 5427241-\$ or US- 5443153-\$ or US- 5445262-\$ or US- 5476170-\$ or US- 5485915-\$ or US- 5488220-\$ or US- 5497899-\$ or US- 5503267-\$ or US- 5520283-\$ or US- 5531319-\$ or US- 5537693-\$ or US- 5538131-\$ or US-	USPAT	OR	ON	2009/03/13 14:30

		5538130-\$ or US- 5537806-\$ or US- 5542536-\$ or US- 5593087-\$ or US- 5597071-\$ or US- 5609008-\$).did.				
S18	27	("2659524"   "2723027" "2975934"   "3189215" "3197116"   "3347446" "3620438"   "3692232" "3894681").PN. OR ("4032053").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 10:38
S19	23	("2164561"   "2482399" "2645407"   "2868433" "2889104"   "2955739" "4378905"   "5221042" "5297725").PN. OR ("5738273").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 10:39
S20	2	("4919273").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/06 10:44
S21	1	(10/551744).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/06 10:45
S22	1169	(206/427).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/06 12:53
S23	0	(11/277076).APP.	USPAT; USOOR	OR	ON	2009/08/06 12:57
S24	12	("1516010"   "20070029220"   "3815735"   "4313556"   "4747487"   "5072876"   "5197598"   "5246112"   "5704470"   "6227367"   "6550616").PN. OR ("7478743").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:02
S25	7	("4582199").PN. OR ("4747487").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:03
S26	23	("2361926"   "2508909" "2955739"   "3656614" "3833116"   "4546914" "4582199"   "4645072" "4747487"   "4770294" "5167325"   "5328030" "5400901"   "5437364" "5538130"   "5595291" "Re25949").PN. OR ("5967319").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:05

S27	12	("0755221"   "2067998" "3078989"   "3815735" "4313556"   "5020668" "6129266"   "6227367" "6550616").PN. OR ("7331505").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:11
S28	7	("5297725"   "5385234" "5395044"   "5639017" "5794778"   "5915546" "6065590").PN. OR ("6899221").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:22
S29	2	("5738273").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/06 13:23
S30	23	("2164561"   "2482399" "2645407"   "2868433" "2889104"   "2955739" "4378905"   "5221042" "5297725").PN. OR ("5738273").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:24
S31	8	("20030136820"   "20040031236"   "3815320"   "4216861"   "4498581"   "5148654"   "5673538"   "5996883"). PN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:26
S32	21	("2681143"   "2797856" "2911136"   "3076591" "3904036"   "3994432" "4304332"   "4331289" "4396143"   "4577799" "4679725").PN. OR ("5297725").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:38
S33	7	("5297725"   "5385234" "5395044"   "5639017" "5794778"   "5915546" "6065590").PN. OR ("6899221").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:40
S34	46	("3176902"   "3270914" "3356283"   "3403839" "3405840"   "3578238" "3688972").PN. OR ("2681143"   "3904036").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:56

S35	29	("2276363"   "2474523" "2681143"   "2797856" "2911136"   "3076591" "3904036"   "3994432" "4304332"   "4331289" "4396143"   "4577799" "4679725").PN. OR ("5320277").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 13:59
S36	37	("3181727"   "3186545" "3217924"   "3270914" "3294280"   "3309005" "3348672"   "3355089" "3403839"   "3554402" "3578238"   "3627193" "3670950"   "3688972" "3692232"   "3696990" "3712533"   "3904036" "3986658"   "4256226" "Re27624").PN. OR ("4378877").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/08/06 17:45
S37	1974	206/427	US-PGPUB; USPAT; EPO; JPO; DERNENT	OR	ON	2009/09/25 08:36
S38	10	("1983418"   "3167214" "4470503"   "4478334" "6065590"   "6631803" "6766940"   "6902104").PN. OR ("7422104").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 08:39
S39	17	("2372351"   "2851210" "3994432"   "4447004" "4498581"   "4838479" "5197598"   "5246112" "5482203"   "5639017" "5704470"   "5738273" "6065590").PN. OR ("6766940").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 08:40
S40	19	("2955739"   "4166570" "4498619"   "4538759" "4546914"   "4583681" "5297725"   "5320277" "5385234"   "5482203" "5639017"   "5647483" "5738273"   "5826783" "5915546"   "6065590" "6425520").PN. OR ("6971572").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:06

S41	23	(“2361926”   “2508909” “2955739”   “3656614” “3833116”   “4546914” “4582199”   “4645072” “4747487”   “4770294” “5167325”   “5328030” “5400901”   “5437364” “5538130”   “5595291” “Re25949”).PN. OR (“5967319”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:19
S42	7	(“4582199”).PN. OR (“4747487”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:20
S43	19	(“390436”   “4216861” “4440340”   “4577799” “4588084”   “4830267” “5197598”   “5221042”).PN. OR (“5333734”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:36
S44	22	(“2482399”   “2896838” “3094268”   “3300119” “3371846”   “3933303” “5333734”   “5385234” “5480091”   “5593027” “5826782”   “5873515”).PN. OR (“6129266”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:48
S45	17	(“3974911”   “3994432” “4222485”   “4318474” “4397393”   “4508258”).PN. OR (“4830267”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:50
S46	29	(“2276363”   “2474523” “2681143”   “2797856” “2911136”   “3076591” “3904036”   “3994432” “4304332”   “4331289” “4396143”   “4577799” “4679725”).PN. OR (“5320277”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 09:51
S47	19	(“2872036”   “3224630” “3410397”   “4077095” “4394903”   “4440340” “5000313”).PN. OR (“5131588”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 10:07
S48	7	(“4582199”).PN. OR (“4747487”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 10:22

S49	21	("2687247"   "3747835" "3750874"   "3955745" "3977518"   "4034852" "4062270"   "4256226" "4278168"   "4375258").PN. OR ("4424901").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 10:32
S50	63	("3181727"   "3186545" "3217924"   "3270914" "3294280"   "3309005" "3348672"   "3353709" "3355089"   "3403839" "3554402"   "3578238" "3627193"   "3670950" "3688972"   "3692232" "3696990"   "3712533" "3986658"   "4029207" "4155449"   "Re27624").PN. OR ("4375258").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 10:33
S51	27	("2659524"   "2723027" "2975934"   "3189215" "3197116"   "3347446" "3620438"   "3692232" "3894681").PN. OR ("4032053").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/25 10:47
S52	144	(206/141).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:04
S53	36	(206/142).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:10
S54	34	(206/143).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:10
S55	2	("5495703").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:14
S56	127	(206/429).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:24
S57	298	(229/112).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:26
S58	149	(229/113).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:26
S59	399	(229/114).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:27

S60	184	(229/117.09).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:27
S61	428	(229/117.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:28
S62	3126	(229/117.13-117.31).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 11:28
S63	50	(US-5240174-\$ or US-4818120-\$ or US-3923236-\$ or US-4340168-\$ or US-4442970-\$ or US-4450965-\$ or US-4488675-\$ or US-4519181-\$ or US-4578929-\$ or US-4592190-\$ or US-4621733-\$ or US-4785970-\$ or US-4828105-\$ or US-4863015-\$ or US-4867577-\$ or US-4909019-\$ or US-5020337-\$ or US-5020668-\$ or US-5201412-\$ or US-5234102-\$ or US-5246113-\$ or US-5297725-\$ or US-5310050-\$ or US-5326024-\$ or US-5335774-\$ or US-5344066-\$).did. or (US-5351878-\$ or US-5360104-\$ or US-5360113-\$ or US-5374232-\$ or US-5377834-\$ or US-5390784-\$ or US-5427241-\$ or US-5443153-\$ or US-5445262-\$ or US-5476170-\$ or US-5485915-\$ or US-5488220-\$ or US-5497899-\$ or US-5503267-\$ or US-5520283-\$ or US-5531319-\$ or US-5537693-\$ or US-5538131-\$ or US-	USPAT	OR	ON	2009/09/25 11:31

		5538130-\$ or US-5537806-\$ or US-5542536-\$ or US-5593087-\$ or US-5597071-\$ or US-5609008-\$).did.				
S64	7	("3815320") or ("5673538").PN.	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 12:21
S65	16	("4216861") or ("4498581") or ("5148654") or ("5996883") or ("2003136820") or ("2004031236").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 12:25
S66	2	("4375258").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/25 14:30

9/25/2009 5:24:08 PM

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